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# Corrigendum: He XL, Horak E, Wang D, Li TH, Peng WH, Gan BC (2019) Descriptions of five new species in *Entoloma* subgenus *Claudopus* from China, with molecular phylogeny of *Entoloma* s.l. MycoKeys 61: 1–26. https://doi.org/10.3897/mycokeys.61.46446

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We found that Table 1 "A list of taxa, specimens and GenBank accession numbers of sequences used in this study" had been omitted and figure legends 1–7 were not the final version after our manuscript was published. Table 1 and revised figure legends 1–7 are now provided below.

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**Table 1.** A list of taxa, specimens and GenBank accession numbers of sequences used in this study.

| Taxa | Collection No. | Origin | GenBank accessions | | | |
|---|---|---|---|---|---|---|
| | | | ITS | LSU | RPB2 | mtSSU |
| *Alboleptonia* aff. *sericella* | MCA1978 | — | — | GU384609 | GU384632 | GU384583 |
| *A. stylophora* | AST84 | — | — | GU384610 | GU384633 | GU384584 |
| *Calocybe carnea* | — | — | AF357028 | AF223178 | DQ367432 | AF357097 |
| *Claudopus minutoincanus* | DLL 9871 | Australia | — | HQ731514 | HQ731517 | HQ731511 |
| *C. viscosus* | DLL 9788 | Australia | — | HQ731516 | HQ731518 | HQ731513 |
| *Clitopilus hirneolus* | MEN 199956 | Italy | — | GQ289211 | GQ289278 | GQ289352 |
| *E. abortivum* | H den Bakker 92 | Canada | — | GQ289150 | GQ289222 | GQ289290 |
| *E. albidoquadratum* | P. Manimohan 667, holotype | India: Kerala | — | GQ289150 | GQ289222 | GQ289290 |
| *E. albidum* | YL 3218 | Canada | KC710102 | KC710151 | — | KC710180 |
| *E. albomagnum* | Gates E2030 | Australia | KC710065 | KC710137 | — | KC710165 |
| *E. alcedicolor* | E. Arnolds 02-760276, holotype | The Netherlands | KC710123 | GQ289152 | GQ289224 | GQ289292 |
| *E. allochroum* | JVG 1060902-1 | Spain | KC898376 | KC898522 | — | KC898488 |
| *E. almeriense* | LIP JVG 990105I, holotype | Spain: Almer A | KJ001428 | — | — | — |
| *E. alpinum* | SAAS 774, holotype | China: Sichuan | KJ658969 | KJ658972 | — | — |
| *E. asterosporum* | K479 | Japan: Okayama | AB691990 | AB692007 | AB692017 | — |
| *E. atrosericeum* | K69-310 G262084, holotype | France | LN850607 | — | — | — |
| *E. azureosquamulosum* | GDGM 27355 | China: Guangdong | JQ410333 | JQ410325 | — | JQ993073 |
| *E. bisporigerum* | KK 106/02 | Finland | LN850534 | — | LN850682 | — |
| *E. bloxamii* | MEN 200442 | Austria, EU | KC710087 | GQ289154 | GQ289226 | GQ289294 |
| *E. brunneoumbonatum* | CAL 317, holotype | India | KX774266 | — | — | — |
| *E. boreale* | KK 106/09, holotype | Finland | LN850624 | — | LN850697 | — |
| *E. byssisedum* var. *microsporum* | SAAS 1160 | China: Sichuan | **KU312118** | **KU534231** | **KU534476** | **KU534421** |
| *E. byssisedum* var. *microsporum* | SAAS 1828 | China: Sichuan | **KU312120** | **KU534234** | **KU534477** | **KU534433** |

| Taxa | Collection No. | Origin | GenBank accessions | | | |
|---|---|---|---|---|---|---|
| | | | ITS | LSU | RPB2 | mtSSU |
| *E. caccabus* | MEN 200324 | Belgium | KC710063 | GQ289155 | GQ289227 | GQ289295 |
| *E. caesiolamellatum* | Wölfel, 20.2.2000, holotype | Canary Islands | KC710126 | KC710157 | — | KC710187 |
| *E. caespitosum* | GDGM 27564 | China: Hainan | JQ281477 | JQ320130 | JQ993078 | JQ993070 |
| *E. callichroum* var. *venustum* | G. Wölfel, F. Hampe (L, Wö E17/10, holotype *E. venustum*) | Germany | KC898355 | KC898523 | — | KC898490 |
| *E. callidermum* | Stubbe 06252 (GENT) | The Netherlands | KC710115 | KC710153 | — | KC710183 |
| *E. cephalotrichum* | C. Ulje 1997-08-01 Netherlands | The Netherlands | — | GQ289157 | GQ289229 | GQ289297 |
| *E. cettoi* | Zuccherelli et al. 11.IX.1992, holotype | Italy | LN850560 | — | LN850687 | — |
| *E. chalybeum* | E. Morozova (LE254353) | Russia: Leningrad | KC898445 | KC898500 | — | KC898465 |
| *E. chytrophilum* | R.M. Dähncke (L 855, holotype) | Spain: Canary Islands | KC898434 | KC898519 | — | KC898479 |
| *E. clypeatum* | MEN 198302 | The Netherlands | KC710059 | KC710136 | — | KC710164 |
| *E. cocles* | J. Vauras 9770F | Finland | — | GQ289230 | GQ289159 | GQ289299 |
| *E. coelestinum* | L. Marina (LE258103) | Russia: Sverdlovsk | KC898362 | KC898524 | — | KC898494 |
| *E. coeruleogracilis* | MEN 2004055 | Australia: Tasmania | KC710107 | GQ289167 | GQ289238 | GQ289307 |
| *E. coeruleoviride* | Stubbe 06236 | Malaysia | KC710057 | KC710134 | — | KC710162 |
| *E. conchatum* | SAAS 1117 | China: Sichuan | **KU312103** | **KU534225** | **KU534463** | **KU534420** |
| *E. conchatum* | SAAS 1014 | China: Sichuan | **KU312105** | **KU534224** | **KU534462** | **KU534418** |
| *E. conchatum* | SAAS 1712, holotype | China: Sichuan | **KU312111** | **KU534220** | **KU534459** | **KU534432** |
| *E. conferendum* | MEN 200330 | Slovakia | KC710055 | KC710133 | KC710191 | KC710161 |
| *E. conicosericeum* | LIP JVG 1080514, holotype | — | JX454878 | — | — | — |
| *E. costatum* | G. Immerzeel 2000-10-10 | The Netherlands | — | GQ289161 | GQ289232 | GQ289301 |
| *E. crassicystidiatum* | GDGM 28821, paratype | China: Guangdong | KC678997 | JQ291567 | JQ993085 | JQ993058 |
| *E. cremeoalbum* | O300037, holotype | Norway | LN850559 | — | LN850686 | — |
| *E. crepidotoides* | GDGM 43979, holotype | China: Hainan | KJ958982 | KJ958983 | KJ958984 | KJ958985 |
| *E. crepidotoides* | GDGM 29287 | China: Hainan | — | KM581267 | KM581269 | KM581268 |
| *E. cretaceum* | G. Gates E 1181, holotype | Australia: Tasmania | KC710064 | GQ289162 | GQ289233 | GQ289302 |
| *E. crocotillum* | SAAS 255, holotype | China: Sichuan | KC555561 | KC555558 | KP226185 | — |

| Taxa | Collection No. | Origin | GenBank accessions | | | |
|---|---|---|---|---|---|---|
| | | | ITS | LSU | RPB2 | mtSSU |
| *E. crocotillum* | SAAS 175 | China: Sichuan | KC555560 | KC555557 | — | — |
| *E. cyanostipitum* | GDGM 31318, holotype | China: Jilin | NR154977 | KY972694 | — | — |
| *E. dichroum* | LE234260 | Russia: Zhiguli | KC898442 | KC898528 | — | KC898487 |
| *E. eminens* | KK 417/12, holotype | Finland | LN850584 | — | — | — |
| *E. euchroum* | LE262995 | Russia: Caucasus | KC898417 | KC898516 | — | KC898483 |
| *E. eugenei* | E. Popov (LE253771 holotype) | Russia: Primorsky | KC898438 | KC898529 | — | — |
| *E. excentricum* | M. Meusers E 1705 | Germany | — | GQ289163 | GQ289234 | GQ289303 |
| *E. fasciculatum* | L.R. Hesler 29376, holotype | U.S.A. | LN850614 | — | — | — |
| *E. flabellatum* | SAAS 1501 | China: Guizhou | **KU312115** | **KU534215** | **KU534471** | — |
| *E. flabellatum* | SAAS 1080, holotype | China: Guizhou | **KU312116** | **KU534217** | **KU534470** | — |
| *E. flavifolium* | Y. Lamoureux 2846 (CMMF) | Canada, Québec | KC710097 | KC710150 | — | KC710179 |
| *E. flocculosum* | JVG 1080920-20 | Spain: Barcelona | KJ001438 | KJ001463 | — | — |
| *E. fumosobrunneum* | MEN2005120, holotype | Canada, Newfoundland | KC710125 | KC710156 | — | KC710186 |
| *E. furfuraceum* | GDGM 28818, holotype | China: Jinlin | JX975293 | JQ993094 | JQ993084 | JQ993062 |
| *E. fuscohebes* | LIP JVG 960127, holotype | — | JX454908 | — | — | — |
| *E. gelatinosum* | G. Gates E792 | Australia: Tasmania | KC710103 | GQ289165 | GQ289236 | GQ289305 |
| *E. gracilior* | G. Gates E1220 | Australia: Tasmania | KC710112 | GQ289169 | GQ289240 | GQ289309 |
| *E. graphitipes* | JVG 1071208-10 | Spain: Bizkaia | KJ001449 | KJ001458 | — | — |
| *E. gregarium* | SAAS 1220, holotype | China: Yunnan | **KU312122** | **KU534237** | **KU534474** | **KU534423** |
| *E. gregarium* | SAAS 1493 | China: Yunnan | **KU312125** | **KU534238** | **KU534475** | **KU534430** |
| *E. griseocarpum* | SAAS 1230, holotype | China: Tibet | MH020753 | KU534253 | KU534500 | KU534438 |
| *E. griseocyaneum* | O. Morozova (LE254351) | Russia: Caucasus | KC898444 | KC898498 | — | KC898463 |
| *E. griseolazulinum* | P. Manimohan 738, holotype | India: Kerala | — | GQ289166 | GQ289237 | GQ289306 |
| *E. griseopruinatum* | JLC030924-8, isotype | France | LN850556 | — | — | — |
| *E. haastii* | ME Noordeloos 2004055 | Australia: Tasmania | — | GQ289167 | GQ289238 | GQ289307 |
| *E. halophilum* | LIP JVG 961228H, holotype | Spain: Almer A | KJ001441 | KJ001461 | — | — |
| *E. hebes* | E. Hartman 1992-10-28 | Netherlands | — | GQ289170 | GQ289241 | GQ289310 |

| Taxa | Collection No. | Origin | GenBank accessions | | | |
|---|---|---|---|---|---|---|
| | | | ITS | LSU | RPB2 | mtSSU |
| *E. henricii* | HKAS 63414 | China: Henan | — | JQ410332 | JQ993076 | JQ993069 |
| *E. hirtipes* | JVG 990510-2 | — | JX454935 | — | — | — |
| *E. hypogaeum* | K382, holotype | Japan: Oita | AB692001 | AB692009 | AB692019 | — |
| *E. incanum* | HKAS 54614 | China: Yunnan | JQ281488 | JQ320127 | — | — |
| *E. indigoticoumbrinum* | ME Noordeloos 200406 3, holotype | Australia: Tasmania | — | GQ289242 | GQ289171 | GQ289311 |
| *E. indoviolaceum* | P. Manimohan 700, holotype | India: Kerala | — | GQ289172 | GQ289243 | GQ289312 |
| *E. indutoides* | O. Morozova (LE254354) | Russia: Leningrad | KC898451 | KC898503 | — | KC898468 |
| *E. infundibuliforme* | TENN:013964, holotype | USA: Tennessee | HQ179671 | HQ179671 | — | — |
| *E. juncinum* | JC-19981012.5a (Ex-1004) | — | JX454902 | — | — | — |
| *E. kermandii* | G. Gates E227, holotype | Australia: Tasmania | — | GQ289173 | GQ289244 | GQ289313 |
| *E. kerocarpus* | WU18878, holotype | Austria | LN850576 | — | LN850688 | — |
| *E. lampropus* | UPS: BOT: F-176490, neotype | Sweden | KC898377 | KC898471 | — | KC898506 |
| *E.* aff. *Luteum* | GDGM 28991 | China | — | JQ993093 | JQ993075 | — |
| *E. lepidissimum* | E. Popov (LE254871) | Russia: Novgorod | KC898363 | KC898531 | — | KC898493 |
| *E. lupinum* | KK 13/14 & J. Vauras, holotype | Finland | LN850570 | — | LN850695 | — |
| *E. luteodiscum* | CAL 132, holotype | India | KX774267 | — | — | — |
| *E. luridum* | MEN 2005108 | Italy | KC710091 | KC710146 | KC710192 | KC710175 |
| *E. majaloides* | KK 782/12 | Finland | LN850478 | — | LN850654 | — |
| *E. malenconii* | JVG 1111118-1 | — | JX454946 | — | — | — |
| *E. manganaense* | G. Gates E369, isotype | Australia: Tasmania | KC710085 | KC710143 | — | KC710172 |
| *E. mastoideum* | GDGM 26597, holotype | China: Guangdong | JQ291564 | JQ320126 | — | — |
| *E. mirum* | KK 99/14, holotype | Finland | LN850548 | — | LN850699 | — |
| *E. mougeotii* | LE254352 | Russia: Caucasus | KC898446 | KC898499 | — | KC898464 |
| *E. murrayi* | QI 1001 | China: Liaoning | KJ658967 | JQ993090 | JQ993081 | JQ993064 |
| *E. myrmecophilum* | G. Tjallingii-Beukers 1981-10-30 | Netherlands | KC710120 | GQ289174 | GQ289245 | GQ289314 |
| *E. nidorosum* | KK 419/12 | Finland | LN850503 | LN850706 | LN850673 | — |
| *E. nitens* | JC-19981012.5b (Ex-1004) | — | JX454901 | — | — | — |

| Taxa | Collection No. | Origin | GenBank accessions | | | |
|---|---|---|---|---|---|---|
| | | | ITS | LSU | RPB2 | mtSSU |
| *E. nitidum* | ME Noordeloos 200426 | Slovakia | KC710122 | GQ289175 | GQ289246 | GQ289315 |
| *E. ochreoprunuloides* | E. Arnolds 01-142, holotype | Germany | KC710092 | KC710147 | — | KC710176 |
| *E. olivaceohebes* | Dhancke 2507 | — | JX454932 | — | — | — |
| *E. omiense* | GDGM 27563 | China: | JQ281487 | JQ410330 | JQ993079 | JQ993067 |
| *E. pallideradicatum* | A. Hausknecht, isotype ex WU 189010 | Austria | — | GQ289176 | GQ289247 | GQ289316 |
| *E. pallidocarpum* | GDGM 28828 | China: Jilin | JQ320106 | JQ410331 | JQ993080 | JQ993074 |
| *E. paludicola* | KK 386/12 | Finland | LN850516 | — | LN850678 | — |
| *E. palustre* | KK 101/14, holotype | Finland | LN850592 | — | LN850692 | — |
| *E. parasiticum* | ME Noordeloos 200330 | Belgium | — | GQ289177 | GQ289248 | GQ289317 |
| *E. paragaudatum* | KK 383/08, holotype | Finland | LN850530 | — | LN850691 | — |
| *E. perbloxamii* | MEN 2004071, holotype | Australia: Tasmania | KC710117 | GQ289178 | GQ289249 | GQ289318 |
| *E. percoelestinum* | T. Bulyonkova (LE254327) | Russia: Novosibirsk | KC898359 | KC898526 | — | KC898496 |
| *E. phaeocarpum* | LIP JVG 1031018, holotype | Spain: La Rioja | KJ001430 | KJ001462 | — | — |
| *E. phaeomarginatum* | ME Noordeloos 2004127 | Australia: Tasmania | — | GQ289179 | GQ289250 | GQ289319 |
| *E. philocistus* | Hausknecht & Reinwald 9.XI.1998, paratype | Portugal | LN850600 | — | — | — |
| *E. placidum* | S. Lundell (5276) & G. Haglund (UPS: BOT: F-121714, epitype) | Sweden | KC898394 | KC898514 | — | KC898481 |
| *E. pleurotoides* | SAAS 1215 | China: Yunnan | **KU312112** | **KU534229** | **KU534467** | **KU534422** |
| *E. pleurotoides* | SAAS 1252, holotype | China: Yunnan | **KU312113** | **KU534227** | **KU534468** | **KU534424** |
| *E. pleurotoides* | SAAS 1354 | China: Yunnan | **KU312114** | **KU534228** | **KU534469** | **KU534425** |
| *E. politum* | KK 289/09 | Finland | LN850511 | — | LN850677 | — |
| *E. porphyrescens* | ME Noordeloos 2004113 | Australia: Tasmania | — | GQ289182 | GQ289253 | GQ289322 |
| *E. praegracile* | GDGM 29251 | China: Guangdong | JQ281482 | JQ320129 | JQ993077 | JQ993072 |
| *E. prismaticum* | K381 | Japan: Tokyo | AB691998 | AB692006 | AB692016 | — |
| *E. procerum* | ME Noordeloos 2004070 | Australia: Tasmania | — | GQ289183 | GQ289254 | GQ289323 |
| *E. prunuloides* | MEN 200340 | Slovakia | KC710073 | GQ289184 | GQ289255 | GQ289324 |
| *E. pseudofavrei* | JVG 1060930-7 | — | JX454886 | — | — | — |

| Taxa | Collection No. | Origin | GenBank accessions | | | |
|---|---|---|---|---|---|---|
| | | | ITS | LSU | RPB2 | mtSSU |
| *E. pygmaeopapillatum* | ME Noordeloos 200364 | Slovakia | — | GQ289185 | GQ289256 | GQ289325 |
| *E. quadratum* | GDGM 28953 | China: Jiangxi | — | KJ648471 | KP226183 | — |
| *E. radicipes* | KK 42/14, holotype | Finland | LN850585 | — | LN850693 | — |
| *E. readiae* | ME Noordeloos 2004050 | Tasmania: Australia | — | GQ289186 | GQ289257 | GQ289326 |
| *E. reductum* | SAAS 1016 | China: Sichuan | **KU312117** | **KU534236** | **KU534482** | **KU534435** |
| *E. reductum* | SAAS 1091, holotype | China: Yunnan | **KU312123** | **KU534232** | **KU534480** | **KU534419** |
| *E. reductum* | SAAS 1608 | China: Yunnan | **KU312124** | **KU534233** | **KU534481** | **KU534431** |
| *E. rhodocylix* | K (M): 147598 | United Kingdom: Wales | KJ001415 | KJ001450 | — | — |
| *E. rhodopolium* | KK 1664/12 | Sweden | LN850497 | LN850705 | LN850705 | — |
| *E. rivulare* | KK 703/12, holotype | Finland | LN850544 | LN850701 | LN850707 | — |
| *E. rubropilosum* | SAAS 406 | China: Sichuan | MH020761 | KU534218 | KU534488 | KU534439 |
| *E. rusticoides* | LIP JVG 1020416U, epitypus | Spain: Tarragona | KJ001434 | KJ001478 | — | — |
| *E. sarcitum* | A. Hausknecht 1994-04-20 | Austria | — | GQ289188 | GQ289259 | GQ289328 |
| *E. saussetiense* | G. Eyssartier 08-067, holotype | France | LN850594 | — | — | — |
| *E. sericatum* | KK 299/08 | Finland | LN850442 | — | LN850630 | LN850702 |
| *E. sericellum* | ME Noordeloos 200315 | Belgium | — | GQ289190 | GQ289261 | GQ289330 |
| *E. sericeonitidum* | TB 7144 | — | EF421108 | AF261315 | EF421016 | EF421108 |
| *E. serpens* | KK 410/09, holotype | Finland | LN850526 | — | LN850694 | — |
| *E. serrulatum* | ME Noordeloos 2004062 | Australia: Tasmania | — | GQ289192 | GQ289263 | GQ289332 |
| *E. setastipes* | L.R. Hesler 13853, holotype | U.S.A. | LN850619 | — | — | — |
| *E. sinuatum* | J. Wisman 2003-09-19 | Netherlands | KC710109 | GQ289193 | GQ289264 | GQ289333 |
| *E. sordidulum* | Co-David 2003 | Belgium | KC710062 | GQ289194 | GQ289265 | GQ289334 |
| *Entoloma* sp. | K389 | Japan: Oita | AB691993 | AB692008 | AB692018 | — |
| *Entoloma* sp.1 | 083001 | China: Yunnan | **KU312119** | **KU534230** | **KU534479** | **KU534437** |
| *Entoloma* sp.1 | SAAS 1154 | China: Sichuan | **KU312121** | **KU534235** | **KU534478** | **KU534434** |
| *Entoloma* sp.2 | SAAS 369 | China: Jilin | **KU312104** | **KU534216** | **KU534483** | **KU534416** |
| *Entoloma* sp.3 | SAAS 203 | China: Jilin | KJ658966 | KJ658971 | KU534473 | KU534415 |
| *Entoloma* sp.4 | SAAS 712 | China: Shaanxi | KJ658970 | KJ658973 | KU534472 | KU534417 |

| Taxa | Collection No. | Origin | GenBank accessions | | | |
|---|---|---|---|---|---|---|
| | | | ITS | LSU | RPB2 | mtSSU |
| *Entoloma* sp.5 | SAAS 315 | China: Sichuan | — | — | — | — |
| *E. subcaesiocinctum* | SAAS 133 | China: Jilin | KY711236 | KY972697 | — | — |
| *E. sublaevisporum* | LIP JVG 1070823T, holotype | Spain | KC898436 | KC898518 | — | KC898478 |
| *E. subtenuicystidiatum* | GDGM 28459 | China: Jiangxi | JQ320109 | JQ320116 | — | JQ993071 |
| *E. tectonicola* | P. Manimohan (741, holotype) | India | — | GQ289196 | — | GQ289336 |
| *E. tenellum* | Dhancke 2820 | — | JX454933 | — | — | — |
| *E. tenuissimum* | GDGM 28813 | China: Jilin | JX975295 | JQ993097 | JQ993086 | JQ993059 |
| *E. terreum* | Esteve-Raventós et al. 16.X.2003, holotype | Spain | LN850547 | — | — | — |
| *E. tjallingiorum* | S. Ryman (6124) (UPS: BOT: F-016378, holotype) | Sweden | KC898412 | KC898509 | — | KC898474 |
| *E. trachyosporum* | H. den Bakker 1901 | Canada | KC710121 | GQ289199 | — | GQ289339 |
| *E. transmutans* | ME Noordeloos 2004155 | Australia: Tasmania | — | GQ289200 | GQ289268 | GQ289340 |
| *E. turbidum* | MEN 200351 | Slovakia | KC710060 | GQ289201 | GQ289269 | GQ289269 |
| *E. undatum* | ME Noordeloos 200327 | Belgium | — | GQ289202 | GQ289270 | GQ289342 |
| *E. undatum* | JVG 1051115-19 | Spain: Girona | KJ001410 | KJ001455 | — | — |
| *E. undulatosporum* | SFC 11021902 | Spain: Barcelona | KJ001412 | KJ001454 | — | — |
| *E. valdeumbonatum* | M. Meusers E4565, holotype | Germany | — | GQ289203 | GQ289271 | GQ289343 |
| *E. venustum* | L, Wö E17/10, holotype | Germany | KC898355 | KC898523 | — | KC898490 |
| *E. vindobonense* | Wu 20810, holotype | — | JX454802 | — | — | — |
| *E. violaceovillosum* | P. Manomohan 645, holotype | India: Kerala | — | GQ289205 | GQ289273 | GQ289345 |
| *E. violaceozonatum* | V. Liiv (L 275, holotype) | Estonia | KC898448 | KC898502 | — | KC898467 |
| *Inocephalus hypipamee* | DLL 10071 | Australia | — | JQ624609 | JQ624616 | JQ624604 |
| *Inocephalus plicatus* | DLL 10216 | Australia | — | JQ624615 | JQ624623 | JQ624606 |
| *Inocephalus* sp. 1 | MCA 2479 | — | — | GU384622 | GU384640 | GU384593 |
| *Inocephalus* sp. 2 | GD-b | Argentina | DQ490636 | DQ457683 | DQ472728 | — |
| *Inocephalus* sp. 3 | MCA 1867 | — | — | GU384621 | GU384638 | GU384591 |

| Taxa | Collection No. | Origin | GenBank accessions | | | |
|---|---|---|---|---|---|---|
| | | | ITS | LSU | RPB2 | mtSSU |
| *Leptonia* sp. | MCA 1486 | — | — | GU384623 | GU384635 | GU384589 |
| *Lyophyllum leucophaeatum* | — | — | AF357032 | AF223202 | DQ367434 | AF357101 |
| *Nolanea sericea* | VHAs 03/02 | — | — | DQ367423 | DQ367435 | EF421099 |
| *N. strictior* | DUKE-JM96/10 | — | EF421109 | — | EF421017 | EF421100 |
| *Pouzarella albostrigosa* | DL Largent 9641 | Australia: Queensland | — | HQ876535 | HQ876513 | HQ876557 |
| *P. farinosa* | DL Largent 9934, holotype) | Australia: Queensland | — | HQ876516 | HQ876495 | HQ876538 |
| *P. lasia* | DL Largent 9662 | Australia: Queensland | — | HQ876529 | HQ876507 | HQ876551 |
| *P. pilocystidiata* | DL Largent 9932, holotype | Australia: Queensland | — | HQ876521 | HQ876500 | HQ876543 |

Sequences in bold are newly generated in this study.

**Figure 1.** Basidiomes of *Claudopus* species. **a** Basidiomes of *E. conchatum* on soil (SAAS 1712) **b** Basidiomes of *E. conchatum* on stem of live *Pinus* (SAAS 1014) **c** Pileus of *E. flabellatum* (SAAS 1501) **d** Lamellae of *E. flabellatum* (SAAS 1080). **e** Basidiomes of *C. gregarium* on bark-wood of live *Castanopsis* (SAAS 1220) **f** Red droplets on the lamellar edges of *E. gregarium* (SAAS 1493) **g** Basidiomes of *E. pleurotoides* on decaying bark-wood of *Castanopsis* (SAAS 1215) **h** Basidiomes of *E. pleurotoides* on bark-wood of live *Castanopsis* (SAAS 1252) **i** Basidiomes of *E. reductum* on decaying stump of *Castanopsis* (SAAS 1091) **j** Mature basidiomes of *E. reductum* on rock (SAAS 2068) **k** Young basidiomes of *E. reductum* on soil (SAAS 1016) **l** Lamellae of *E. byssisedum* var. *microsporum* (SAAS 1828) **m** Basidiomes of *E. byssisedum* var. *microsporum* on decaying stump of *Betula* (SAAS 1160).

**Figure 2**. Microscopic structures of *Entoloma conchatum* (holotype): **a** Basidiospores **b** Pileipellis.

**Figure 3.** Microscopic structures of *Entoloma flabellatum* (holotype). **a** Basidiospores **b** Pileipellis.

**Figure 4.** Microscopic structures of *Entoloma gregarium* (holotype). **a** Basidiospores **b** Pileipellis.

**Figure 5.** Microscopic structures of *Entoloma pleurotoides* (holotype). **a** Basidiospores **b** Pileipellis.

**Figure 6.** Microscopic structures of *Entoloma reductum* (holotype). **a** Basidiospores **b** Pileipellis.

**Figure 7.** Microscopic structures of *Entoloma byssisedum* var. *microsporum* (SAAS 1279). **a** Basidiospores **b** Pileipellis.